

**2.1-2.3 Review Worksheet**

**Directions:** Solve the following equations. Show your work and check your answer. Remember, if you get stuck use your corresponding notes for each target sections.

**TARGET 2A**

1.  $26 = 8 + v$  \_\_\_\_\_

2.  $15 + b = 23$  \_\_\_\_\_

3.  $m + 4 = -12$  \_\_\_\_\_

4.  $m - 9 = -13$  \_\_\_\_\_

5.  $-15 + n = -9$  \_\_\_\_\_

6.  $x - 7 = 13$  \_\_\_\_\_

7.  $14b = -56$  \_\_\_\_\_

8.  $-104 = 8x$  \_\_\_\_\_

9.  $\frac{m}{4} = -13$  \_\_\_\_\_

10.  $-17x = -204$  \_\_\_\_\_

11.  $\frac{7}{12}x = \frac{3}{14}$  \_\_\_\_\_

12.  $-n + 8.5 = 14.2$  \_\_\_\_\_

13.  $8p - 3 = 13$  \_\_\_\_\_

14.  $9x - 7 = -7$  \_\_\_\_\_

15.  $-9x - 13 = -103$  \_\_\_\_\_

16.  $10 - 6v = -104$  \_\_\_\_\_

17.  $-15 = -4m + 5$  \_\_\_\_\_

18.  $-9x + 1 = -80$  \_\_\_\_\_

19.  $\frac{v+9}{3} = 8$  \_\_\_\_\_

20.  $-1 = \frac{5+x}{6}$  \_\_\_\_\_

21.  $6 = \frac{a}{4} + 2$  \_\_\_\_\_

**TARGET 2B**

22.  $19 - h - h = -13$  \_\_\_\_\_

23.  $14 + 6a - 8 = 18$  \_\_\_\_\_

24.  $25 = 7 + 3k - 12$  \_\_\_\_\_

25.  $-8 = -(x + 4)$  \_\_\_\_\_

26.  $12 = -4(-6x - 3)$  \_\_\_\_\_

27.  $-(7 - 4x) = 9$  \_\_\_\_\_

28.  $-3 = 3(2t - 1)$  \_\_\_\_\_

29.  $x - 2(x + 10) = 12$  \_\_\_\_\_

30.  $-15 = 5(3q - 10) - 5q$  \_\_\_\_\_

**TARGET 2A & 2B**

**Write an equation to model each situation. Then solve the equation.**

31. General admission tickets to the fair cost \$3.50 per person. Ride passes cost an additional \$5.50 per person. Parking costs \$6 for the family. The total costs for ride passes and parking was \$51. How many people in the family attended the fair?

32. Five times a number decreased by 18 minus 4 times the same number is -36. What is the number?

33. Angela ate at the same restaurant four times. Each time she ordered a salad and left a \$5 tip. She spent a total of \$54. Write and solve an equation to find the cost of each salad.